

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70474

Employer : Multicare Health System

Worksite : Allenmore Hospital

Street : 1901 S Union Ave

Jurisdiction : City of Tacoma

Survey Date : 5/12/2014

Survey Type : Paper

Response Rate : 59%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 95.7%

Reported Total Employees at Worksite: 606

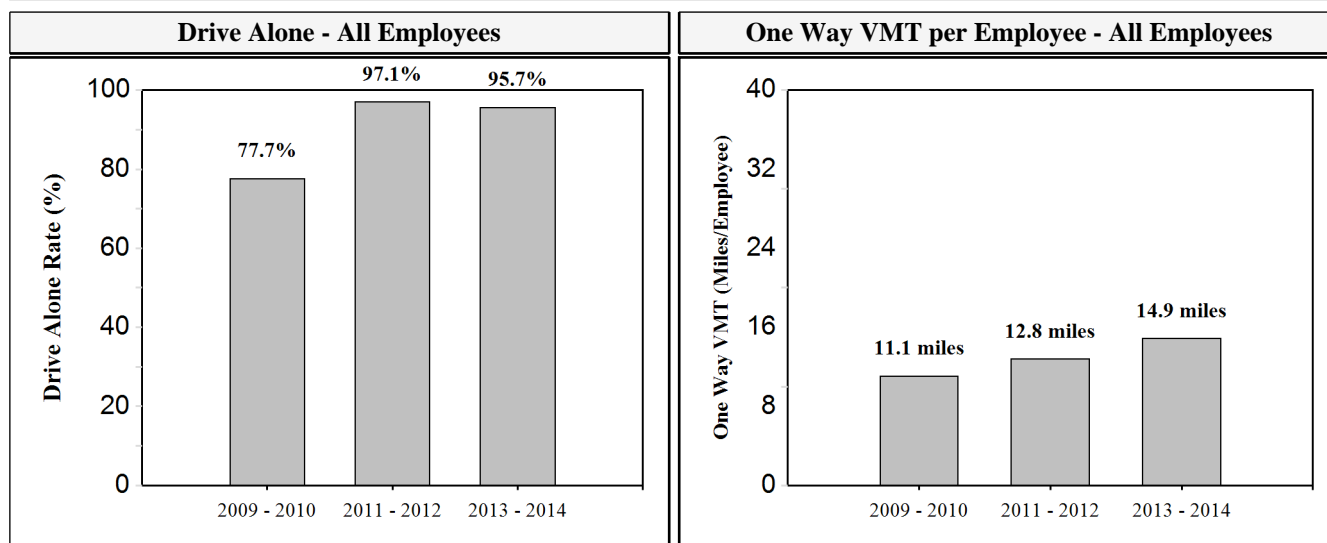
Surveys Distributed : 599

One-Way VMT per employee : 14.9

Surveys Returned : 352

Surveys Returned by CTR Affected Employees : 242

Total Estimated CTR - Affected Employees at Worksite : 412



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	77.7%	78.1%	11.1	11.0
2011 - 2012	97.1%	97.6%	12.8	12.1
2013 - 2014	95.7%	97.4%	14.9	14.7
2015 - 2016	N/A	N/A	N/A	N/A
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	23.2%	24.7%	34.2%	33.6%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2011 - 2012	2011 - 2012 Without Fill In	2013 - 2014	2013 - 2014 Without Fill In
Drive Alone - All Employees*	77.7%	97.1%	93.6%	95.7%	94.8%
Drive Alone - CTR Affected Employees*	78.1%	97.6%	92.7%	97.4%	96.6%
VMT/Employee - All Employees	11.1	12.8	12.4	14.9	14.8
VMT/Employees - CTR Affected Employees	11.0	12.1	11.6	14.7	14.7

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2009 - 2010	2011 - 2012	2013 - 2014
Emissions for Surveyed Employees	843	471	1,054
Estimated Emissions for Total Employment	1,225	1,380	1,815

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2011 - 2012	2013 - 2014
Bus Annual Passenger Miles - Estimated for Total Employment	164,161	12,879	22,725
Bus Annual Passenger Miles - Surveyed Employees	112,900	4,400	13,200
Ferry Annual Passenger Miles - Estimated for Total Employment	7,270	0	0
Ferry Annual Passenger Miles - Surveyed Employees	5,000	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	30,826	5,269	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	21,200	1,800	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

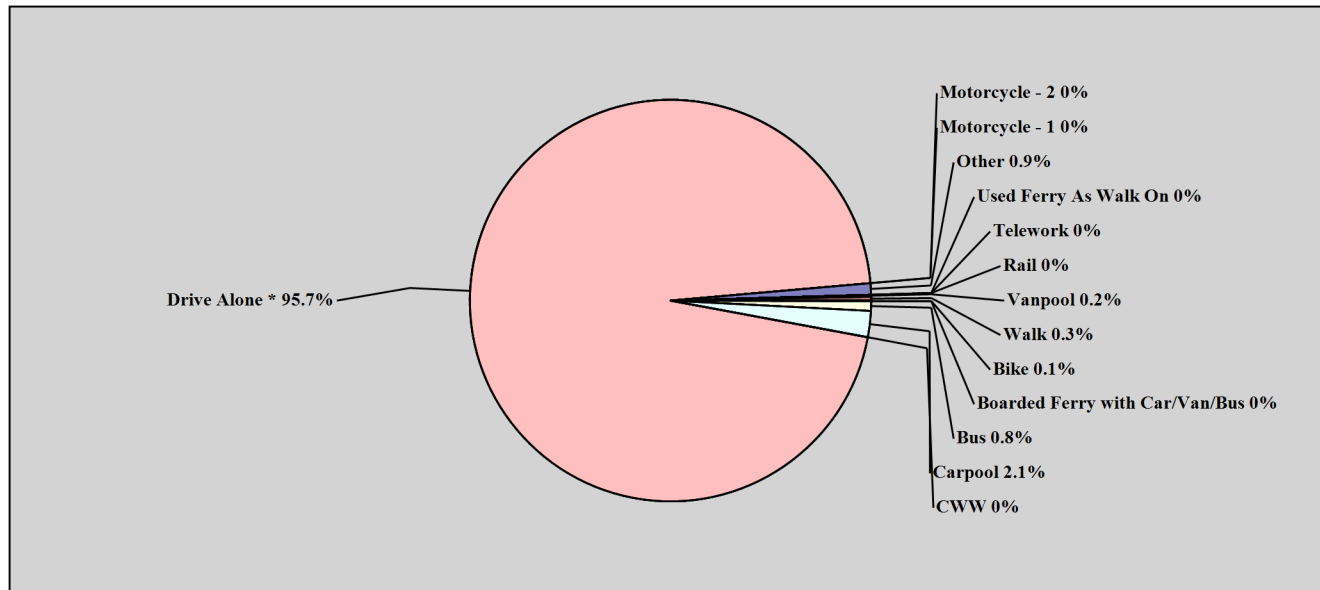
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 16.1 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



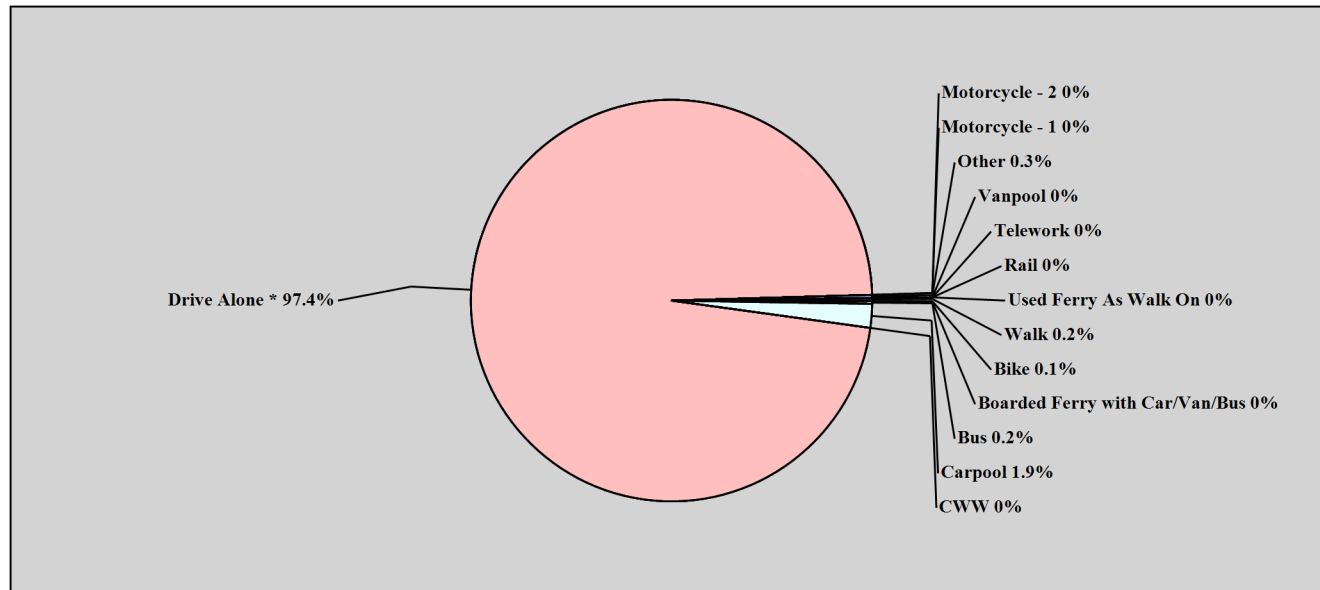
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,866	95.7%	96.5%	337	96.0%	95.3%
Carpool	41	2.1%	0.6%	16	4.6%	1.6%
Vanpool	3	0.2%	0.5%	1	0.3%	1.6%
Motorcycle - 1	0	0.0%	0.6%	0	0.0%	1.6%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	15	0.8%	0.6%	4	1.1%	1.6%
Rail	0	0.0%	0.1%	0	0.0%	0.5%
Bike	1	0.1%	0.4%	1	0.3%	1.0%
Walk	6	0.3%	0.3%	3	0.9%	1.6%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.4%	0	0.0%	1.6%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	18	0.9%	0.1%	5	1.4%	0.5%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,480	97.4%	97.2%	235	97.1%	96.2%
Carpool	29	1.9%	0.7%	11	4.5%	2.9%
Vanpool	0	0.0%	0.3%	0	0.0%	1.0%
Motorcycle - 1	0	0.0%	0.3%	0	0.0%	1.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	3	0.2%	0.8%	2	0.8%	2.9%
Rail	0	0.0%	0.1%	0	0.0%	1.0%
Bike	1	0.1%	0.3%	1	0.4%	1.0%
Walk	3	0.2%	0.2%	2	0.8%	1.9%
Telework	0	0.0%	0.0%	0	0.0%	0.0%
CWW	0	0.0%	0.1%	0	0.0%	1.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	4	0.3%	0.1%	1	0.4%	1.0%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	322	91%	352	100%
1 Days	10	3%	30	9%
2 Days	6	2%	20	6%
3 Days	5	1%	14	4%
4 Days	2	1%	9	3%
5 Days	5	1%	7	2%
6 or More Days	2	1%	2	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	193	79.4%	18	7.4%	2	0.8%	6	2.5%	0	0%	0	0%	1	0.4%	1	0.4%	10	4.1%
4 days a week (4/10s)	6	14.6%	30	73.2%	0	0%	1	2.4%	0	0%	0	0%	0	0%	0	0%	1	2.4%
3 days a week	3	9.7%	22	71%	0	0%	0	0%	0	0%	0	0%	0	0%	1	3.2%	1	3.2%
9 days in 2 weeks (9/80)	2	66.7%	1	33.3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	1	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	4	13.3%	10	33.3%	0	0%	0	0%	0	0%	1	3.3%	0	0%	1	3.3%	2	6.7%

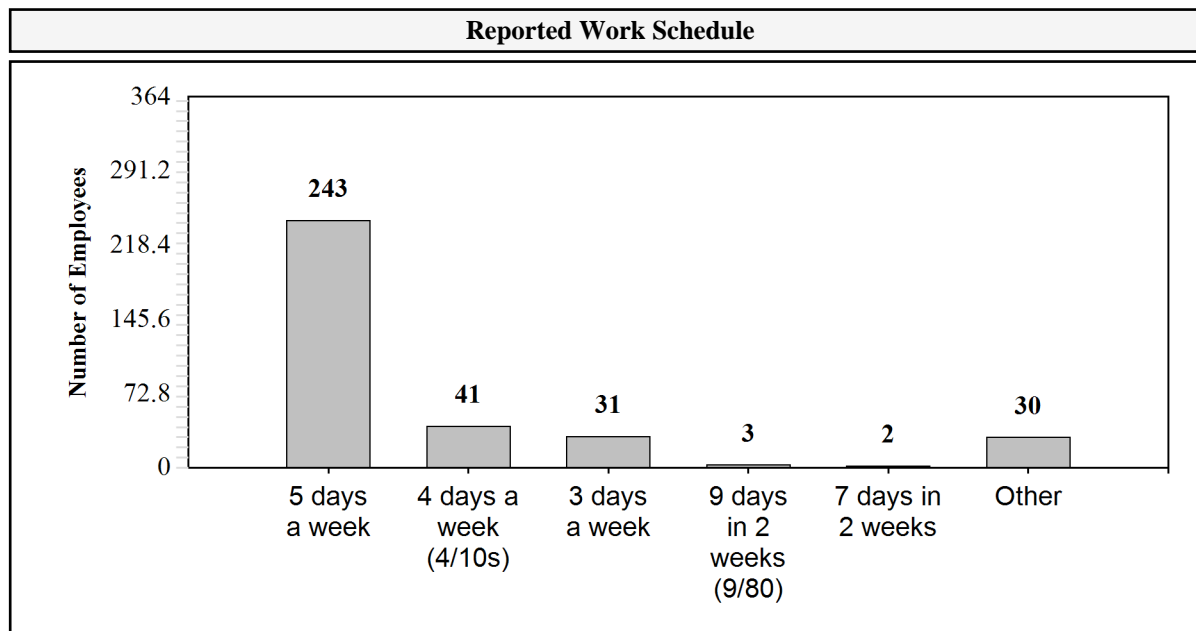
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	4
2	Motorcycle	0
2	Carpool	41
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	3
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

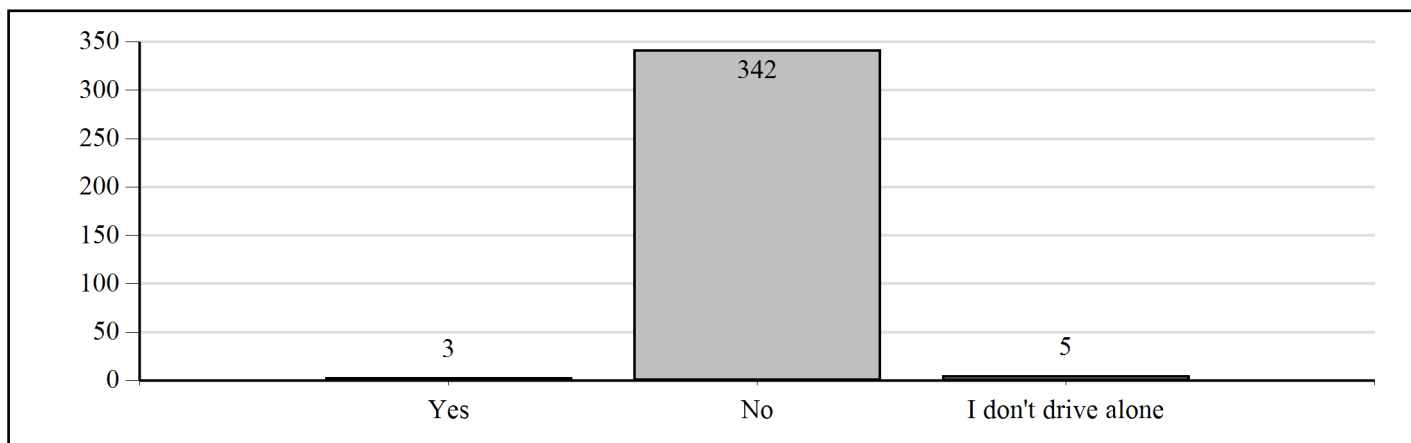
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	243	69.4%
4 days a week (4/10s)	41	11.7%
3 days a week	31	8.9%
9 days in 2 weeks (9/80)	3	0.9%
7 days in 2 weeks	2	0.6%
Other	30	8.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.6%
I don't telework	332	94.6%
Occasionally, on an as-needed basis	16	4.6%
1-2 days/month	0	0.0%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	1	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	84	27.5%
To save money	54	17.7%
Financial incentives for carpooling, bicycling or walking.	30	9.8%
Personal health or well-being	28	9.2%
Cost of parking or lack of parking	21	6.9%
Driving myself is not an option	20	6.6%
Environmental and community benefits	17	5.6%
Free or subsidized bus, train, vanpool pass or fare benefit	15	4.9%
Emergency ride home is provided	13	4.3%
To save time using the HOV lane	12	3.9%
I have the option of teleworking	5	1.6%
Preferred/reserved carpool/vanpool parking is provided	5	1.6%
I receive a financial incentive for giving up my parking space	1	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	230	28.7%
Riding the bus or train is inconvenient or takes too long	188	23.5%
Family care or similar obligations	129	16.1%
My commute distance is too short	73	9.1%
Other	62	7.7%
My job requires me to use my car for work	59	7.4%
Bicycling or walking isn't safe	33	4.1%
I need more information on alternative modes	24	3.0%
There isn't any secure or covered bicycle parking	3	0.4%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	1	0	0	0	1
2	0	0	0	1	0	1	0	0	0	1
3	0	0	0	0	0	0	1	0	1	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	1	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	1	0	3	1	0	1	2
Total One-Way Transit Trips Per Week	0	0	0	2	0	10	3	0	3	3

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	1
2	0	0	0	1	0	1	0	0	0	1
3	0	0	0	0	0	0	0	0	1	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	0	0	0	1	0	1	0	0	1	2
Total One-Way Transit Trips Per Week	0	0	0	2	0	2	0	0	3	3

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98001	3	0.85%	14	0	0	0	0	0	0	0	0	0	0	0	0
98002	2	0.57%	10	0	0	0	0	0	0	0	0	0	0	0	0
98003	5	1.42%	25	0	0	0	0	0	0	0	0	0	0	0	0
98010	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.28%	4	1	0	0	0	0	0	0	0	0	0	0	0
98023	4	1.14%	18	0	0	0	1	0	0	0	0	0	0	0	0
98030	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	4	1.14%	16	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98058	2	0.57%	10	0	0	0	0	0	0	0	0	0	0	0	0
98059	2	0.57%	11	0	0	0	0	0	0	0	0	0	0	0	0
98092	3	0.85%	14	1	0	0	0	0	0	0	0	0	0	0	0
98104	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98116	1	0.28%	1	0	0	0	0	0	0	0	0	0	0	0	0
98136	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98144	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98168	1	0.28%	4	0	0	0	0	0	0	0	0	0	0	0	0
98311	1	0.28%	4	0	0	0	0	0	0	0	0	0	0	0	0
98321	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98327	2	0.57%	9	0	0	0	0	0	0	0	0	0	0	0	0
98328	2	0.57%	9	0	0	0	0	0	0	0	0	0	0	0	0
98329	5	1.42%	22	0	0	0	0	0	0	0	0	0	0	0	0
98332	11	3.13%	42	4	0	0	0	0	1	0	0	0	0	0	0
98333	2	0.57%	7	0	0	0	0	0	0	0	0	0	0	0	0
98335	13	3.70%	54	0	0	0	0	0	0	0	0	0	0	0	0



98338	12	3.42%	49	5	0	0	0	0	0	0	0	0	0	0	0
98344	1	0.28%	2	0	0	0	0	0	0	0	0	0	0	0	0
98349	2	0.57%	6	3	0	0	0	0	0	0	0	0	0	0	0
98354	2	0.57%	6	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98360	2	0.57%	10	0	0	0	0	0	0	0	0	0	0	0	0
98366	2	0.57%	8	0	0	0	0	0	0	0	0	0	0	0	0
98367	4	1.14%	13	0	3	2	0	0	0	0	0	0	0	0	0
98370	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98371	6	1.71%	29	0	0	0	0	0	0	0	0	0	0	0	0
98372	5	1.42%	18	0	0	0	0	0	0	0	0	0	0	0	0
98373	4	1.14%	18	0	0	0	0	0	0	0	0	0	0	0	0
98374	4	1.14%	16	0	0	0	0	0	0	0	0	0	0	0	0
98375	9	2.56%	40	0	0	1	0	0	0	0	0	0	0	0	7
98387	17	4.84%	65	5	0	0	0	0	0	0	0	0	0	0	0
98388	5	1.42%	15	2	0	0	0	0	0	0	0	0	0	0	0
98390	3	0.85%	15	0	0	0	0	0	0	0	0	0	0	0	0
98391	8	2.28%	35	0	0	0	0	0	0	0	0	0	0	0	0
98402	2	0.57%	11	0	0	0	0	0	0	0	0	0	0	0	0
98403	3	0.85%	15	0	0	0	0	0	0	0	0	0	0	0	0
98404	10	2.85%	40	2	0	0	0	0	0	0	0	0	0	0	3
98405	13	3.70%	65	0	0	0	0	0	0	5	0	0	0	0	0
98406	12	3.42%	55	0	0	0	5	0	0	0	0	0	0	0	0
98407	14	3.99%	66	0	0	0	0	0	0	0	0	0	0	0	0
98408	4	1.14%	18	0	0	0	0	0	0	0	0	0	0	0	0
98409	15	4.27%	46	7	0	0	0	0	0	0	0	0	0	0	2
98418	3	0.85%	15	0	0	0	0	0	0	0	0	0	0	0	0
98422	4	1.14%	19	0	0	0	0	0	0	0	0	0	0	0	0
98424	4	1.14%	19	0	0	0	0	0	0	0	0	0	0	0	0
98443	1	0.28%	2	0	0	0	0	0	0	0	0	0	0	0	0
98444	6	1.71%	32	0	0	0	0	0	0	0	0	0	0	0	0
98445	14	3.99%	68	4	0	0	0	0	0	0	0	0	0	0	0
98446	3	0.85%	14	1	0	0	0	0	0	0	0	0	0	0	0
98465	7	1.99%	35	0	0	0	0	0	0	0	0	0	0	0	0
98466	21	5.98%	100	1	0	1	0	0	0	1	0	0	0	0	0
98467	13	3.70%	65	0	0	0	0	0	0	0	0	0	0	0	0
98496	1	0.28%	4	0	0	0	0	0	0	0	0	0	0	0	0



98498	13	3.70%	55	5	0	0	2	0	0	0	0	0	0	0	0
98499	10	2.85%	38	0	0	0	7	0	0	0	0	0	0	0	0
98501	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98502	1	0.28%	1	0	0	0	0	0	0	0	0	0	0	0	0
98512	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98516	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98524	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98580	4	1.14%	16	0	0	0	0	0	0	0	0	0	0	0	4
98597	1	0.28%	4	0	0	0	0	0	0	0	0	0	0	0	0
99999	8	2.28%	33	0	0	0	0	0	0	0	0	0	0	0	2